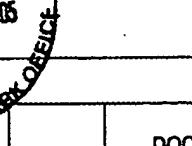


| FORM PTO-1449  |  | U. S. Department of Commerce<br>Patent and Trademark Office |  |   |   |   |   | Atty. Docket No.<br>P23696     |          | Application No.<br>10/646,723 |          |                               |
|--|--|---|--|---|---|---|---|--------------------------------|----------|-------------------------------|----------|-------------------------------|
|   |  |   |  |   |   |   |   | Applicant<br>Hiroshi NOMURA    |          |                               |          |                               |
|  |  |   |  |   |   |   |   | Filing Date<br>August 25, 2003 |          | Group<br>2851                 |          |                               |
| U. S. PATENT DOCUMENTS   |  |   |  |   |   |   |   |                                |          |                               |          |                               |
| EXAMINER<br>INITIAL  |  | DOCUMENT NUMBER   |  |   |   |   |   | DATE                           | NAME     | CLASS                         | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
| <i>an</i>  |  | 4   | 7  | 6 | 8 | 0 | 4 | 8                              | 08/30/88 | WAKABAYASHI                   | _____    | _____                         |
| <i>an</i>  |  | 5   | 2  | 6 | 4 | 9 | 3 | 9                              | 11/23/93 | CHANG                         | _____    | _____                         |
|  |  |   |  |   |   |   |   |                                |          |                               |          |                               |
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|  |  | DOCUMENT NUMBER   |  |   |   |   |   | DATE                           | COUNTRY  | CLASS                         | SUBCLASS | TRANSLATION<br>YES      NO    |
|  |  |   |  |   |   |   |   |                                |          |                               |          |                               |
|  |  |   |  |   |   |   |   |                                |          |                               |          |                               |
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| <i>an</i>  |  | 1   | English Language Translation JP 2000-023002. |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 2   | English Language Translation JP 6-308592.    |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 3   | English Language Translation JP 7-199019.    |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 4   | English Language Translation JP 5-313226.    |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 5   | English Language Translation JP 7-295050.    |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 6   | English Language Translation JP 9-005849.    |   |   |   |   |                                |          |                               |          |                               |
| <i>an</i>  |  | 7   | English Language Translation JP 2003-114473. |   |   |   |   |                                |          |                               |          |                               |
| EXAMINER<br><i>an</i>  |  | DATE CONSIDERED <i>Oct 3, 2005</i>                          |  |   |   |   |   |                                |          |                               |          |                               |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |   |  |   |   |   |   |                                |          |                               |          |                               |

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|---|---|--------------------------------------|-------------------------------|
| FORM PTO-1449   | Department of Commerce<br>Patent and Trademark Office | Atty. Docket No.<br>P23696           | Application No.<br>10/646,723 |
| O P E INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br>(Use several sheets if necessary) |   | APR 07 2005<br>U.S. PATENT DOCUMENTS |                               |
|   |   | Filing Date<br>August 25, 2003       | Group<br>2851                 |

| EXAMINER INITIAL | DOCUMENT NUMBER    | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| Ch               | 3 3 7 7 4 2 7      | 04/09/68 | FISCHER            |       |          |                            |
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| Ch               | 2004 0 0 6 2 5 3 6 | 04/01/04 | NOMURA             |       |          |                            |
| Ch               | 2004 0 0 4 2 7 7 6 | 03/04/04 | NOMURA             |       |          |                            |
| Ch               | 6 1 8 5 3 7 5      | 02/06/01 | KAZUO              |       |          |                            |

| DOCUMENT NUMBER    | DATE     | COUNTRY        | CLASS | SUBCLASS | TRANSLATION YES NO |
|--------------------|----------|----------------|-------|----------|--------------------|
| 8 - 3 1 3 7 9 0    | 11/29/96 | JAPAN          |       |          |                    |
| 6 - 2 3 0 2 6 3    | 08/19/94 | JAPAN          |       |          |                    |
| 10 - 2 5 4 0 5 4   | 09/25/98 | JAPAN          |       |          |                    |
| 2003 - 1 4 9 7 2 3 | 04/18/03 | JAPAN          |       |          |                    |
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